

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3530	455/423.ccls. or 455/67.11.ccls. or 455/557.ccls. or 455/115.1.ccls. or 455/115.2	USPAT	OR	ON	2007/08/15 15:54
L2	905	L1 and hardware and software	USPAT	OR	ON	2007/08/15 15:54
L3	3	L2 and middleware	USPAT	OR	ON	2007/08/15 15:54
L4	16	"6044408".pn. or "6137802".pn. or "6279124".pn. or "6353897".pn. or "6052524".pn. or "6061709".pn. or "6389491".pn. or "6269396".pn. or "3831148".pn. or "5771240".pn. or "5937366".pn. or "6002869".pn. or "6049896".pn. or "6105154".pn. or "6112312".pn. or "6317659".pn. or "3831148".pn. or "5771240".pn. or "5937366".pn. or "6002869".pn. or "6049896".pn. or "6105154".pn. or "6112312".pn. or "6052524".pn. or "6061709".pn. or "6269396".pn. or "6279124".pn. or "6353897".pn. or "6389491".pn.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L5	0	2002/0181193	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L6	0	2002/0181193.pn.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L7	70	wilhelmsson.in.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L8	23	hartmaier.in.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L9	52	"455"/\$.ccls. and test\$3 near2 manufacture	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L10	6	software and hardware and middleware and test\$3 near2 manufacture	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L11	844	software and hardware and test\$3 near2 manufacture	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L12	224	(portable or mobile or cell\$4) adj (\$4phone or terminal or unit) and test\$3 near2 manufacture	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L13	948	(portable or mobile or cell\$4) adj (\$4phone or terminal or unit) and test\$3 near2 (manufacture or production)	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L14	69	L13 and "455"/\$.ccls. or "375".ccls.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54

## EAST Search History

L15	1	"10606684"	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L16	3438	platform and software and hardware and middleware	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L17	560	platform and software and hardware and middleware and manufacture	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L18	65	software near4 test\$3 and (production or manufacture) near2 (mobile or portable or cell\$4)	USPAT	OR	ON	2007/08/15 15:54
L19	10	("5420941"   "5504800"   "5656929"   "5663638"   "5668510"   "5682238"   "5826072"   "5907797"   "6112067"   "6126601").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L20	3	("6587671").URPN.	USPAT	OR	ON	2007/08/15 15:54
L21	0	("6751570").URPN.	USPAT	OR	ON	2007/08/15 15:54
L22	3	("5777873"   "6509753"   "6525657").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L23	89	mobile near4 platform near4 test\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L24	510	455/425.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L25	259	455/425.ccls. and software	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L26	1	"6687901".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L27	1967519	(platform or OS or operating system) and (manufacture or production)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L28	50053	L27 and "455"/\$.ccls. or "702"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L29	22447	L27 and ("455"/\$.ccls. or "702"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L30	23621	L27 and ("455"/\$.ccls. or "702"/\$.ccls. or "719"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L31	194	(L30 or L29) and middleware and hardware and software	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54

## EAST Search History

L32	150	aspect adj oriented adj programming	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L33	1	"6049896".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L34	6	"3831148".pn. or "5937366".pn. or "6112312".pn. or "5771240".pn. or 2001/01564.pn. or "6105154".pn. or "6002869".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L35	5353	telefonaktiebolaget.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L36	10	telefonaktiebolaget.as. and moller. in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L37	0	2001/01564	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L38	0	2001/015654	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L39	61	habersetzer.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:54
L40	3	"1136912".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:54
L41	8702	software adj component and hardware adj component and interface	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:54
L42	5235	L41 and (mobile or portable or cell\$4)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:54
L43	5234	L41 and (mobile or portable or cell\$4)	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L44	312	L43 and middleware	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L45	0	719/328.clss.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L46	1347	719/328.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L47	365	719/328.ccls. and (mobile or cell\$4)	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54

## EAST Search History

L48	9045	software near4 interface near4 hardware	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L49	4889	software near4 interface near4 hardware and (cell\$4 or mobile or portable)	US-PGPUB; USPAT	OR	ON	2007/08/15 15:54
L50	75	L49 and test\$3 adj software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L51	2570	455/67.11.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L52	7065588	455/67.11.ccls. @pd<="20020711"	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L53	658	455/67.11.ccls. and @pd<="20020711"	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L54	153	455/425.ccls. and @pd<="20020711"	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L55	330	455/425.ccls. and (@pd<="20020711" or @ad<="20020711")	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L56	157	L55 and software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L57	2	"4658096".pn. or "4737975".pn.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L58	4319	UMTS and 3gpp	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L59	9	UMTS and 3gpp and test\$3 adj software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L60	39	UMTS and test\$3 adj software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L61	23	(cell\$4 or mobile) near test\$3 near software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L62	22581	(cell\$4 or mobile or portable) adj \$4phone same (manufactur\$4 or produc\$4)	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L63	8591	(cell\$4 or mobile or portable) adj \$4phone same (manufactur\$4 or produc\$4) and (@pd<="20020711" or @ad<="20020711")	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L64	14	(cell\$4 or mobile or portable) adj \$4phone same (manufactur\$4 or produc\$4) and (@pd<="20020711" or @ad<="20020711") and test\$3 adj software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L65	112	(cell\$4 or mobile or portable) adj \$4phone near (manufacture or produce) and (@pd<="20020711" or @ad<="20020711")	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55

## EAST Search History

L66	132	(cell\$4 or mobile or portable) adj \$4phone near (manufacture or produce or production) and (@pd<="20020711" or @ad<="20020711")	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L67	0	software adj during adj manufacutre	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L68	7	software adj during adj manufacture	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L69	21	software near during near (manufacture or production)	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L70	2423	software and hardware and (pda or (mobile or portable or wireless) adj (device or terminal)) and test\$3 same (manufatcure or production or creation or assembly)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L71	823	L70 and @ad<="20020711"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L72	1	"6687901".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L73	5986	455/423.ccls. or 455/67.11.ccls. or 455/557.ccls. or 455/115.1.ccls. or 455/115.2.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L74	3423	L73 and @ad<="20020711"	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L75	1424	L74 and software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L76	1931	L74 and (software or program)	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L77	1384	L76 and interface	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L78	363	(update or upgrade or install) adj software and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L79	0	L78 and @ad<="2020711"	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L80	153	L78 and @ad<="20020711"	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L81	3532	middleware and diagnose or test and isolate same (hardware or software)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55

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L82	69	middleware and (diagnose or test) and isolate same (hardware or software)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L83	30722	L82 and rewritten or overwritten	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L84	329168	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda) and (diagnose or test) and middleware	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L85	328913	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda) and (diagnose or test) and middleware and (rewrite or overwrite)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L86	328884	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda) and (diagnose or test) and middleware and (rewrite or overwrite) and application adj software	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L87	24	L82 and (rewritten or overwritten)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L88	328881	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda) and (diagnose or test) and middleware and (rewrite or overwrite) and application adj software and hardware and interface and isolate	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L89	328884	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda) and (diagnose or test) and middleware and (rewrite or overwrite) and application adj software and hardware	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L90	1100	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda) and (diagnose or test) and middleware	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55

## EAST Search History

L91	55	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda)) and (diagnose or test) and middleware and (rewrite or overwrite) and application adj software and hardware and interface and isolate	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L92	438	software and hardware and manufacture and test and middleware	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L93	5868193	@ad<="20020711"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L94	331	L93 and L90	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L95	196	L92 and L93	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L96	329068	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda) and test adj software	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L97	525	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda)) and test adj software	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L98	207	L97 and L93	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L99	0	"mobile phone test software"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L100	51	L98 and (middleware or API)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55

## EAST Search History

L101	22	("5109353"   "5463638"   "5535406"   "5684980"   "5737497"   "5794033"   "5802290"   "5841867"   "5983378"   "5995744"   "6023565"   "6047128"   "6074432"   "6078736"   "6112020"   "6119256"   "6134707"   "6144933"   "6167319"   "6195774"   "6205579"   "6226779").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:55
L102	22	("5109353"   "5463638"   "5535406"   "5684980"   "5737497"   "5794033"   "5802290"   "5841867"   "5983378"   "5995744"   "6023565"   "6047128"   "6074432"   "6078736"   "6112020"   "6119256"   "6134707"   "6144933"   "6167319"   "6195774"   "6205579"   "6226779").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:55
L103	2	("7020598").URPN.	USPAT	OR	ON	2007/08/15 15:55
L104	1	diagnostic adj middleware	USPAT	OR	ON	2007/08/15 15:55
L105	2	diagnostic adj middleware	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L106	7	diagnostic near4 middleware	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L107	37	test near4 middleware	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L108	1232	(portable or cellular or wireless or mobile) near4 (phone or device or computer) and (production or manufacture) near4 test	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L109	5868193	@ad<="20020711"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L110	498	L108 and L109	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L111	106335	(portable or cellular or wireless or mobile) near4 (phone or device or computer) same (application or software)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L112	39774	L109 and L111	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55



## EAST Search History

L113	524	L112 and middleware	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L114	18	L110 and L113	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L115	1180	(update or overwrite or rewrite) same (portable or cellular or wireless or mobile) near4 (phone or device or computer) near4 (application or software)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L116	363	L109 and L115	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L117	112	L116 and (middleware or api)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L118	5	L116 and middleware	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L119	5868193	@ad<="20020711"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L120	4042	((cellular or mobile or portable) near4 (device or phone or communication)) or (laptop or pda)) with (diagnose or test)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:55
L121	1835	L120 and L119	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L122	84	phone with test with software	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55
L123	28	L119 and L122	US-PGPUB; USPAT	OR	ON	2007/08/15 15:55